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Date: November 17, 2004

To: Response

UŞ Patent and Trademark Office

From: [Samuel L. Borkowsky]

LC/IP

Re:

SN 10/649,886

S-100,658

[Dipen N. Sinha]

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Comments:

Included in this facsimile transmittal are the following documents for filing in the aboveidentified patent application:

Response

Fee Payments Authorized: \$__-0-

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UNCLASSIFIED

Rev. 01/30/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Dipen N. Sinha

Docket No.: S-100,658

Serial No.:

10/649,886

Examiner:

Katīna M. Wilson

Filed

August 26, 2003

Art Unit:

2856

For

NONINVASIVE CHARACTERIZATION OF A FLOWING MULTIPHASE

FLUID USING ULTRASONIC INTERFEROMETRY

Customer No. 35068

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

RESPONSE

Sir:

In response to the Office Action dated November 10, 2004, please enter the following amendments to the Claims, and consider the accompanying remarks.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a)) I hereby certify that this correspondence is, on the date shown below, being:

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Date November 17

FACSIMILE Itransmitted by facsimile to the United States Patent and Trademark Office

Samuel L. Borkowsky

(type or print name of person certifying)